

Iowa Crops & Weather



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Iowa Field Office

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For the week ending May 6, 2007

PLANTING AND WAITING

Agricultural Summary: Warm, sunny days at the beginning of last week allowed farmers to get into fields and make significant progress. Fields planted early have some crusting which has slowed emergence. The week ended with more rain, stopping planting and causing flooding and erosion. Some fields will be replanted due to silt build-up or erosion. The moisture helped pastures recover from frost damage but made feedlots muddy and conditions undesirable for livestock. Strong winds in some areas caused damage to livestock facilities.

There were 3.8 days suitable for fieldwork, compared to 3.0 days last year at this time. Topsoil moisture rated zero percent very short, zero percent short, 44 percent adequate, and 56 percent surplus across the state. Subsoil moisture rated zero percent very short, zero percent short, 58 percent adequate, and 42 percent surplus.

Field Crops Report: Oats planted were 93 percent complete, 8 days behind both last year's 99 percent and the five year average of 99 percent. Fifty-three percent of oats are emerged compared to last year's 75 percent. The condition of the oat crop is zero percent very poor, 2 percent poor, 31 percent fair, 57 percent good, and 10 percent excellent. Corn planting, at 53 percent, is 1 week behind last year's 78 percent. Fertilizer application, at 90 percent, was 3 percentage points below both last year's and the five-year average of 93 percent.

Livestock, Pasture and Range Report: Pasture and range condition rated zero percent very poor, 7 percent poor, 31 percent fair, 47 percent good, and 15 percent excellent. There are some reported losses of young livestock due to the wet, cool weather.

IOWA PRELIMINARY WEATHER SUMMARY

Statewide Crop Conditions as of May 6, 2007

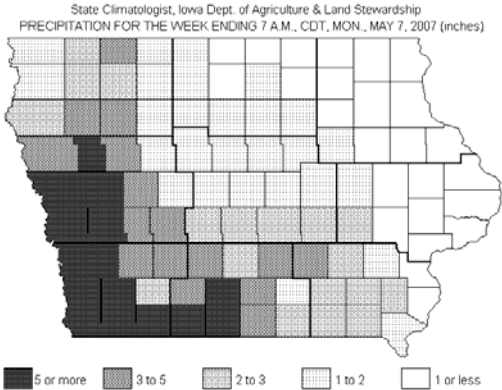
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Oats	0	2	31	57	10
Range & Pasture	0	7	31	47	15

Provided by State Climatologist Harry Hillaker

The past week brought unseasonably warm and very wet weather to much of Iowa. The work week began with dry weather on Monday (30th), Tuesday (1st) and Wednesday (2nd). Daytime highs were mostly in the 80's on Monday and the 70's on Tuesday and Wednesday. Showers and thunderstorms dampened the southwest one-half of Iowa on Thursday (3rd) with a few locations receiving over an inch of rain in the far west. Light rain was scattered across much of the state on Friday (4th) with high temperatures mostly in the 60's on Thursday and Friday. Very heavy rain affected a large area of western Iowa on Saturday (5th) night into Sunday (6th) morning with 4 to 7 inches in a broad area centered from Shenandoah to near Storm Lake. This rain was also accompanied by damaging winds and hail in 13 southwest Iowa counties. Heavy rains redeveloped on Sunday afternoon into Monday (7th) morning across south central Iowa with 3 to 5 inch amounts common from Bedford to Pella. High temperatures over the weekend were mostly in the 70's on Saturday and 60's on Sunday. Temperature extremes for the week ranged from Monday (30th) afternoon highs of 93 degrees at Sioux Center, Sioux City and Spencer to morning lows of 39 degrees at Estherville and Spencer on Wednesday (2nd) and Cresco on Thursday (3rd). Temperatures for the week as a whole averaged 7.7 degrees warmer than normal. Rainfall totals varied from only 0.02 inches at Davenport and Dubuque to 7.87 inches at Randolph in Fremont County. The statewide average precipitation was 2.41 inches, more than double the weekly normal of 1.01 inches. The past two weeks have brought a statewide average precipitation of 4.75 inches, the highest two week total since late May 2004. Soil temperatures as of Sunday (6th) were averaging in the upper 50's northeast to low 60's southwest.

PRELIMINARY IOWA PRECIPITATION

Provided by Harry Hillaker, State Climatologist



Field Work and Crop Progress as of May 6, 2007

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Fertilizer application completed	89	91	86	90	90	95	94	85	83	90	81	93	93
Corn planted	59	65	59	50	45	57	61	29	31	53	14	78	72
Corn emerged	6	6	6	8	9	5	12	7	8	7	0	17	13
Oats planted	95	93	93	96	96	96	98	87	83	93	73	99	99
Oats emerged	63	62	42	49	60	50	72	63	50	53	23	75	83

Days Suitable & Soil Moisture Condition as of May 6, 2007

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	3.8	4.8	5.1	3.4	2.9	4.8	4.1	2.7	2.1	3.8	1.3	3.0
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Very short	0	0	0	0	0	0	0	0	0	0	0
Short	0	0	0	0	0	0	0	0	0	0	0	3
Adequate	43	67	78	34	37	63	23	8	33	44	52	82
Surplus	57	33	22	66	63	37	77	92	67	56	48	15
Subsoil moisture	Very short	0	0	0	0	0	0	0	0	0	0	2
	Short	1	0	0	0	0	0	0	0	0	1	16
Adequate	55	69	87	60	45	69	40	35	60	58	62	70
Surplus	44	31	13	40	55	31	60	65	40	42	37	12

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, May 6, 2007										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	94	39	62	10	1.71	1.01	3.67	0.26	86	51
Sioux Center	94	46	65	10	1.79	1.14	5.15	2.13	109	60
Spencer	95	39	63	10	2.22	1.47	3.67	0.31	92	52
Spirit Lake	90	44	61	9	3.55	2.92	5.02	2.02	80	26
North Central District										
Britt	90	40	62	7	0.85	0.08	5.17	1.49	86	39
Humboldt	89	45	63	7	0.68	-0.09	5.47	1.77	89	47
Mason City	91	42	63	10	0.03	-0.80	4.66	0.98	96	57
Osage	87	44	62	8	0.20	-0.64	4.06	0.06	83	30
North East District										
Decorah	85	45	62	7	0.19	-0.65	3.32	-0.81	83	37
Dubuque	85	49	63	9	0.01	-0.90	5.87	1.37	91	50
Elkader	89	40	61	7	0.03	-0.81	5.90	1.97	80	21
Fayette	90	45	63	9	0.37	-0.54	6.05	1.97	90	48
Waterloo	90	47	65	10	0.16	-0.70	4.73	0.69	105	58
West Central District										
Carroll	89	44	64	9	3.65	2.76	8.85	4.78	97	50
Castana	88	45	64	8	4.97	4.17	10.71	7.27	101	55
Guthrie Center	89	41	65	10	2.74	1.90	10.73	6.73	110	60
Harlan	90	43	66	9	4.62	3.74	8.77	4.91	110	59
Jefferson	91	46	64	10	1.73	0.84	8.94	4.87	102	55
Logan	89	46	66	9	7.61	6.72	12.68	8.99	114	56
Rockwell City	89	43	62	6	1.35	0.54	8.49	4.98	86	33
Sac City	90	44	63	9	3.89	3.08	9.28	5.71	93	49
Sioux City	93	48	67	11	3.42	2.70	9.23	6.27	123	67
Central District										
Boone	89	46	64	8	0.97	0.07	7.90	3.79	97	48
Des Moines	88	51	67	10	0.91	0.14	5.95	1.93	121	63
Grundy Center	89	46	64	11	0.28	-0.58	5.99	2.05	98	59
Marshalltown	88	46	66	11	0.15	-0.69	5.37	1.45	110	65
Newton	89	49	65	9	0.18	-0.69	4.95	0.95	105	51
Perry	89	48	65	10	1.07	0.23	8.43	4.57	105	58
Toledo	88	47	64	10	0.37	-0.54	4.65	0.62	99	57
East Central District										
Cedar Rapids	88	50	66	11	0.12	-0.65	3.78	-0.07	112	62
Davenport	88	51	66	9	0.01	-0.76	4.27	0.36	110	56
Iowa City	89	53	67	9	0.07	-0.84	5.01	0.54	119	56
Lowden	90	47	65	10	0.05	-0.86	5.07	0.54	103	52
Maquoketa	89	50	64	10	0.04	-0.73	4.24	0.37	98	56
Muscatine	89	54	67	10	0.19	-0.65	4.73	0.51	119	77
South West District										
Atlantic	87	43	66	11	4.93	4.13	10.72	7.02	116	67
Clarinda	87	46	65	9	4.24	3.28	7.38	3.16	110	54
Glenwood	90	49	68	10	5.54	4.60	11.40	7.64	126	66
Red Oak	88	47	67	9	5.30	4.39	8.51	4.25	122	57
Sidney	88	49	68	10	5.01	4.12	7.97	4.04	125	62
South Central District										
Allerton	84	50	64	9	1.22	0.36	6.61	2.54	102	71
Beaconsfield	85	49	65	9	2.51	1.67	7.52	3.51	104	53
Chariton	85	44	63	7	0.79	-0.05	6.61	2.35	92	41
Indianola	87	50	66	9	1.34	0.43	5.20	0.84	112	58
Leon	87	46	65	9	1.41	0.46	5.95	1.60	109	57
South East District										
Bloomfield	84	52	65	7	0.84	-0.07	5.01	0.72	106	43
Burlington	89	54	69	12	0.34	-0.50	3.59	-0.62	135	74
Ottumwa	87	51	66	9	0.74	-0.10	6.20	2.19	115	54
Washington	87	51	65	7	1.12	0.28	6.47	2.53	105	58

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.
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